Client Dock

User’s Manual

ABOUT THIS MANUAL

This manual is designed for use with the Client Dock. Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. The manufacturer does not make any representations or warranties (implied or otherwise) regarding the accuracy and completeness of this document and shall in no event be liable for any loss of profit or any commercial damage, including but not limited to special, incidental, consequential, or other damage.

SAFETY INSTRUCTIONS

Always read the safety instructions carefully:

- Keep this User's Manual for future reference
- Keep this equipment away from humidity
- If any of the following situation arises, get the equipment checked by a service technician:
  - The equipment has been dropped and damaged.
  - The equipment has obvious sign of breakage.
  - The equipment has not been working well or you cannot get it to work according to the User's Manual.

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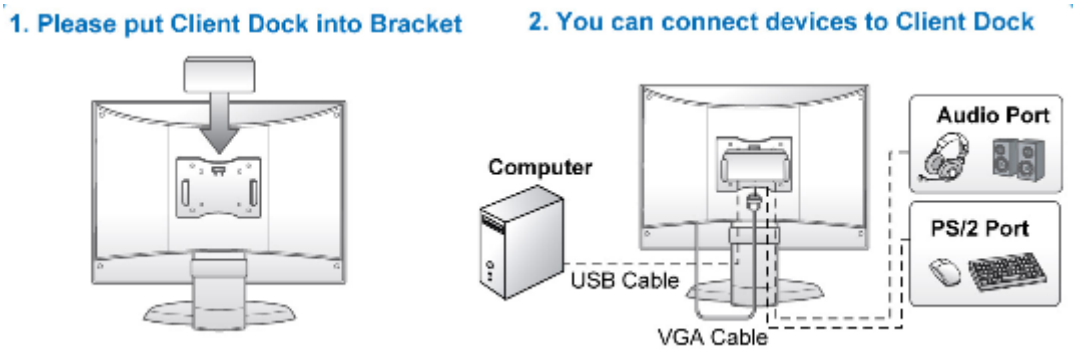
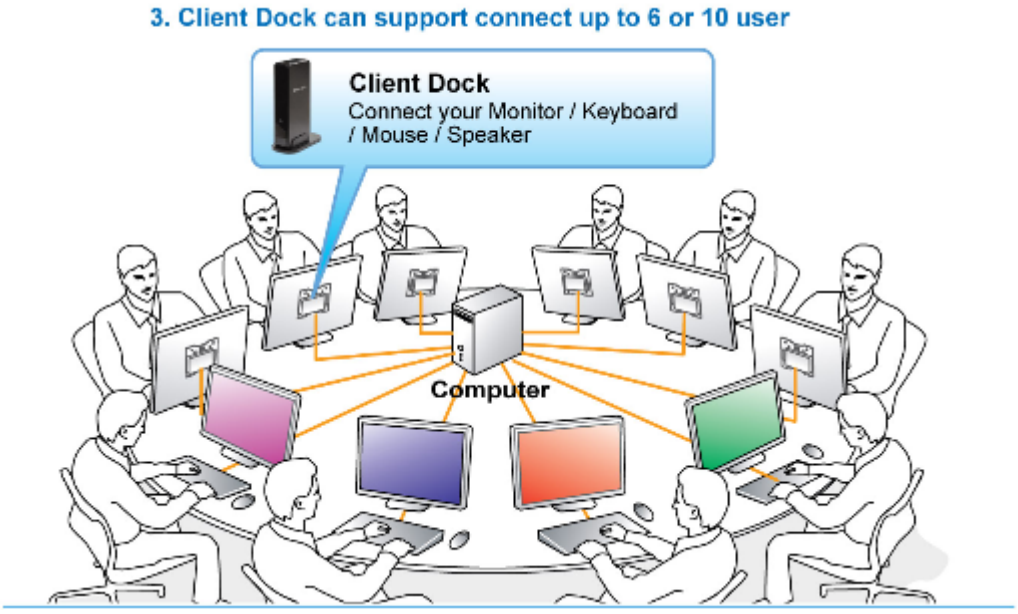
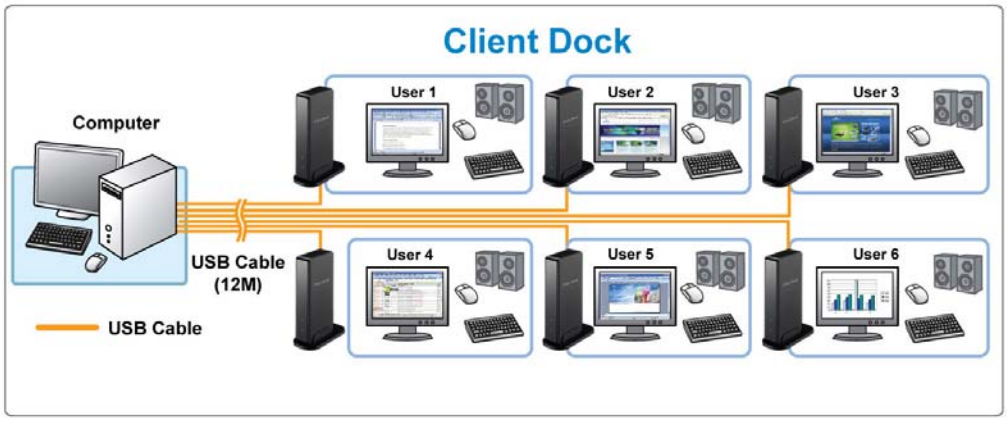
1. Introduction

Client Dock enables you to connect directly to the server as a cloud client station with USB cable, which can connect up to 12M distance. With this Client Dock, you can just simply using a monitor, keyboard and mouse to work as a computer system without any extra device require. Moreover, Client Dock can support connect up to 6 or10 (Due to driver version) display screens which is an extremely cost effective application for the IT equipment investment.






Client Dock
Computer
USB Cable
(12M)
USB Cable
User 1
User 2
User 3
User 4
User 5
User 6

Features

- Extend display up to 12M from the computer
- Support Video resolution up to 1280x1024, 1440x900 (wide screen)
- Audio ports to connect to 2.1 stereo speaker and MIC
- Support up to 10 users (Special driver for Windows® Multipoint® Server 2010)
- Compatible with USB 1.1/2.0 Specification
- Support Windows® Multipoint® Server 2010/ Windows® Multipoint® Server 2011
- Bus Power

Package Contents

- Client Dock x1
- Base Plate (Default) x1
- VESA Mount Bracket (Optional) x1
- CD (Driver and User's Manual) x1
- USB Cable x1
- Quick Installation Guide x1

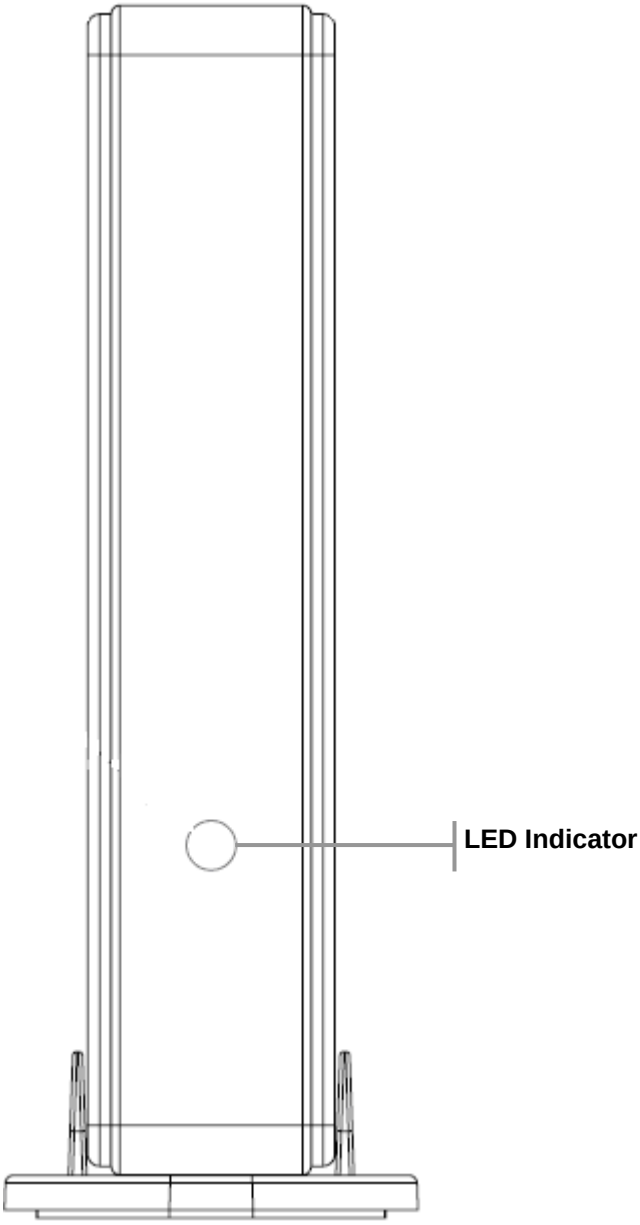
System Requirements

- Windows® Multipoint® Server 2011/2010
- Server Requirement
  - CPU: Intel Sandy Bridge Core i7-2600 Processor(4 Cores/8Threads,8M Cache, 3.40 GHz)
  - Chip Set：Intel H67
  - Memory: 8 GB 1333 MHz DDR3
  - Graphic Card : Intel Integrated
  - HDD : SATA / 500GB
  - USB port : 2.0 x 7 ports + 3.0 x 4 ports , total : 11 ports
  - DVD ROM

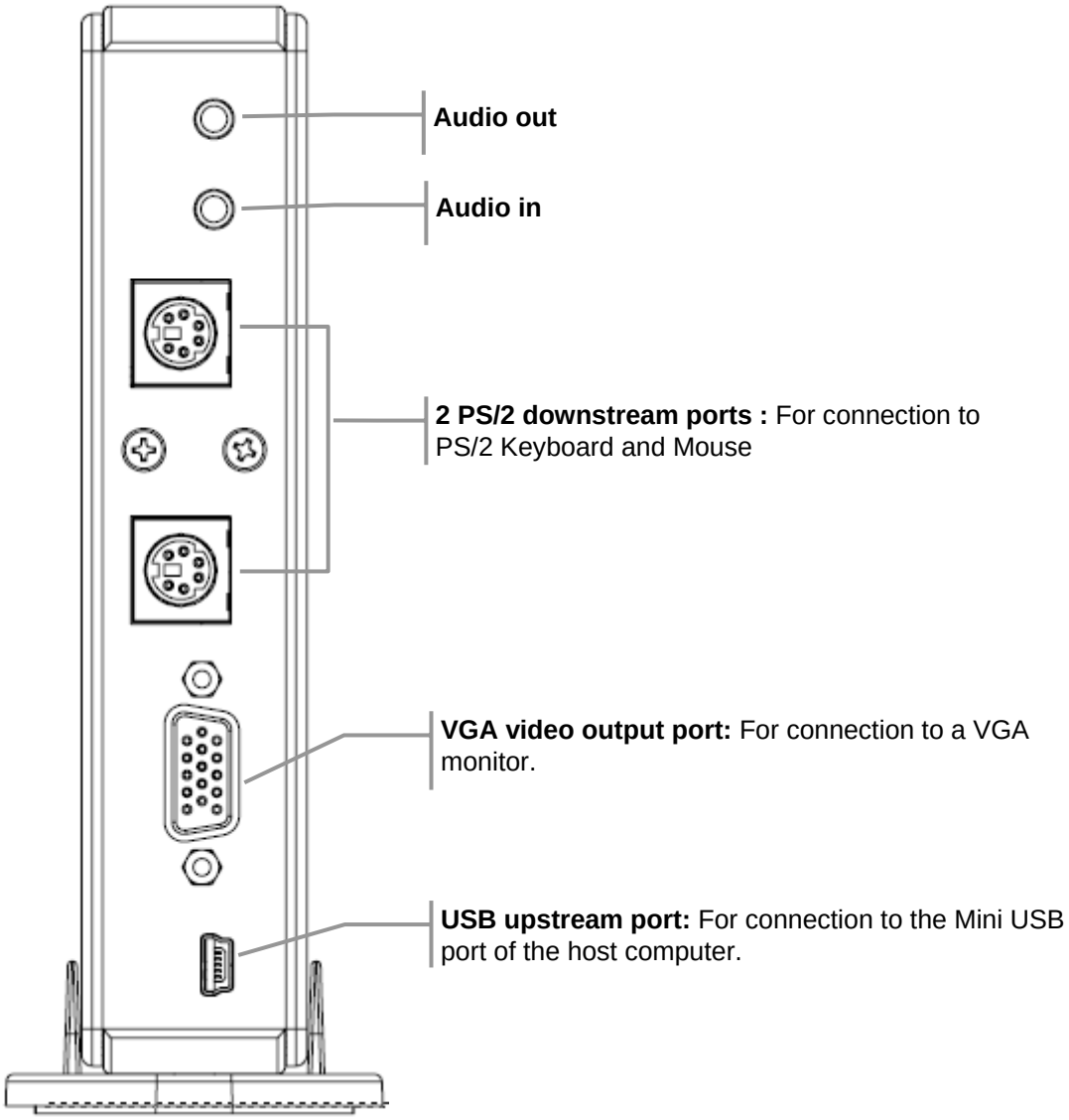
■ Workstation Recomendation

Application Scenario	Up to 4 stations	5-6 stations	7-10 stations	11-12 stations
Productivity Microsoft® Office, web browsing, line-of-business applications	CPU: 2C1 RAM: 2GB	CPU: 2C RAM: 4GB	CPU: 4C1 RAM: 6GB	CPU: 4C RAM: 8GB
Mixed Productivity plus: Occasional video use by some users	CPU: 2C RAM: 2GB	CPU: 2C RAM: 4GB	CPU: 4C RAM: 6GB	CPU: 4C+MT or 6C1 RAM: 8GB
Multimedia2 Productivity plus: Frequent video use at 360p native resolution	CPU: 2C RAM: 2GB	CPU: 4C RAM: 4GB	CPU: 4C+MT or 6C RAM: 6GB	CPU: 4C+MT or 6C RAM: 8GB

Front Panel

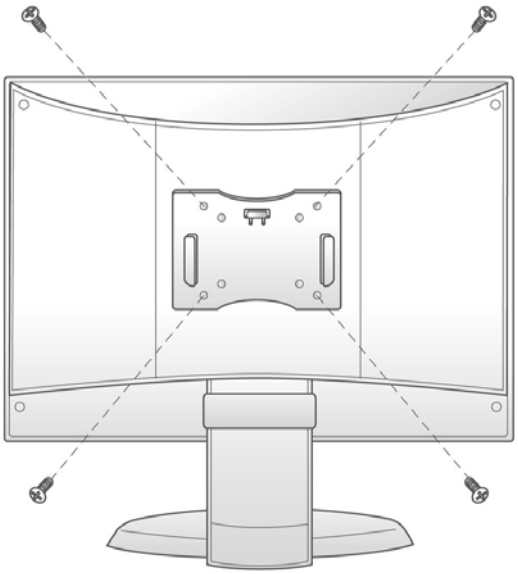


Rear Panel

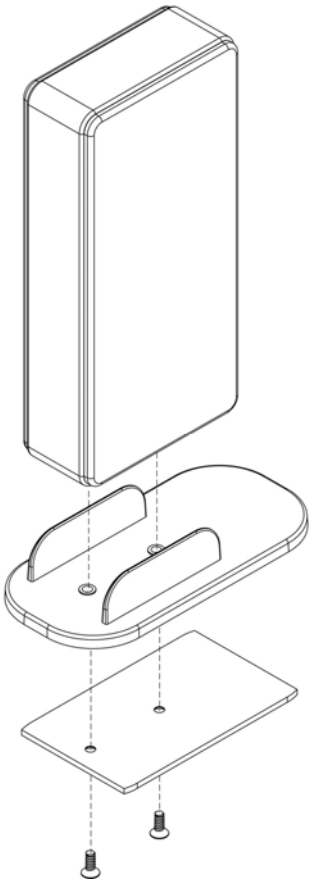

Audio out
Audio in
2 PS/2 downstream ports : For connection to PS/2 Keyboard and Mouse
VGA video output port: For connection to a VGA monitor.
USB upstream port: For connection to the Mini USB port of the host computer.

Mounting Bracket

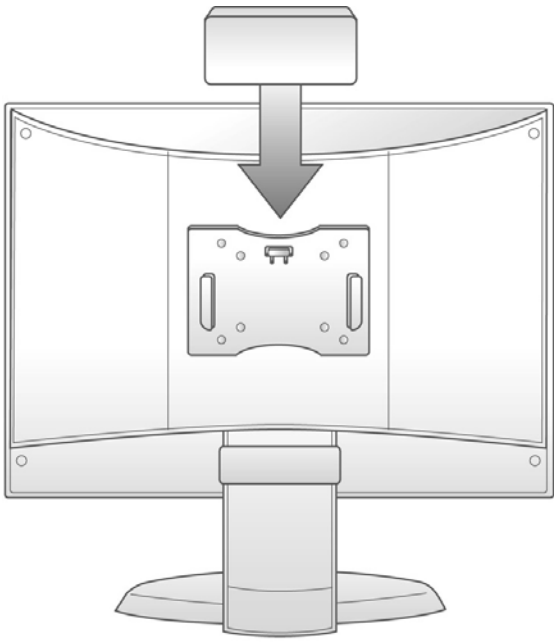
- Place VESA Bracket in position on back of monitor and attaches using 4 screws provided.



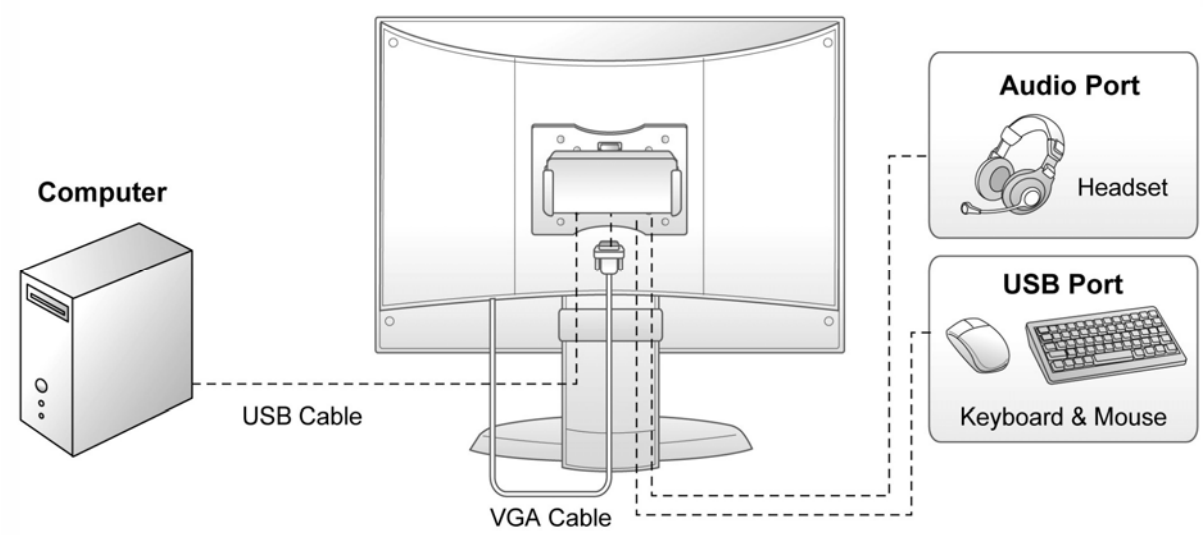
- The Client Dock comes with a base plate to make it self-standing. To disassemble the Client Dock, please unscrew the base plate.



- Please put Client Dock Station into Bracket.



- Finally, you can connect devices to Client Dock Station.



2. Installation

A. Driver Installation

To install the Driver:

1. Insert the provided CD into your disc drive and installer program will run automatically. Please click on **Run Setup.exe** to execute the install program.

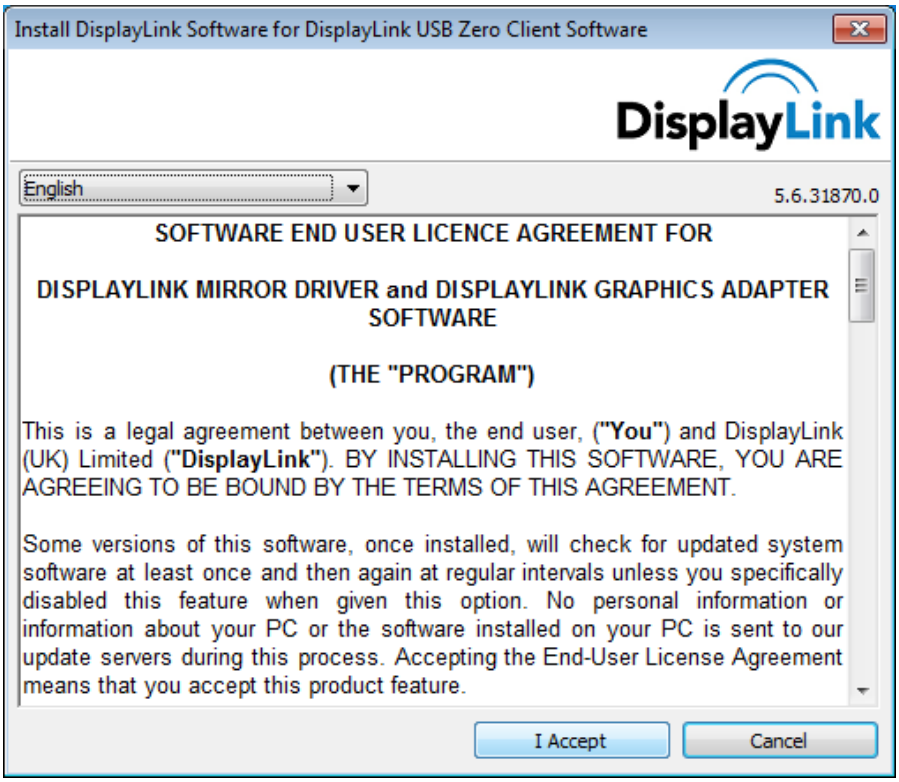
AutoPlay
DVD RW Drive (F:) Driver
Always do this for software and games:
Install or run program from your media
Run Setup.exe
Published by DISPLAYLINK
General options
Open folder to view files
using Windows Explorer
View more AutoPlay options in Control Panel

Note：

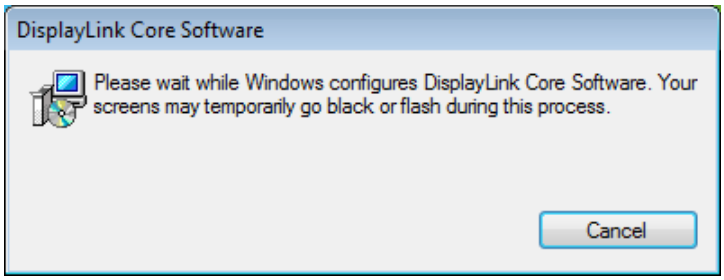
If the installer program doesn't run automatically, please locate and double-click on the **Setup.exe** file in the **Driver** folder to launch the setup program.

If you encounter a **User Account Control** dialog box when attempting to install a program, enter an administrator password or click **Allow** to start the installation.

2. When you see the **License Agreement** screen prompted as below, please click on **I Accept** to install the software for USB display adapter...


Install DisplayLink Software for DisplayLink USB Zero Client Software
DisplayLink
English
5.6.31870.0
SOFTWARE END USER LICENCE AGREEMENT FOR
DISPLAYLINK MIRROR DRIVER and DISPLAYLINK GRAPHICS ADAPTER SOFTWARE
(THE "PROGRAM")
This is a legal agreement between you, the end user, ("You") and DisplayLink (UK) Limited ("DisplayLink"). BY INSTALLING THIS SOFTWARE, YOU ARE AGREEING TO BE BOUND BY THE TERMS OF THIS AGREEMENT.
Some versions of this software, once installed, will check for updated system software at least once and then again at regular intervals unless you specifically disabled this feature when given this option. No personal information or information about your PC or the software installed on your PC is sent to our update servers during this process. Accepting the End-User License Agreement means that you accept this product feature.
I Accept
Cancel

3. Please wait while Windows® configures DisplayLink Core Software. Your screens may temporarily go black or flash during this process.


DisplayLink Core Software
Please wait while Windows configures DisplayLink Core Software. Your screens may temporarily go black or flash during this process.
Cancel

Note: You may need to restart your system for the configuration changes made to DisplayLink Graphics to take effect.

4. When finished, the installation screen will disappear and you will return to your desktop.

B. Connecting the Client Dock to Computer

1. Plug the square end of the USB cable into the USB upstream connector at the back of the Client Dock.
2. Plug the other end of the USB cable into an available USB 2.0 port on your computer.

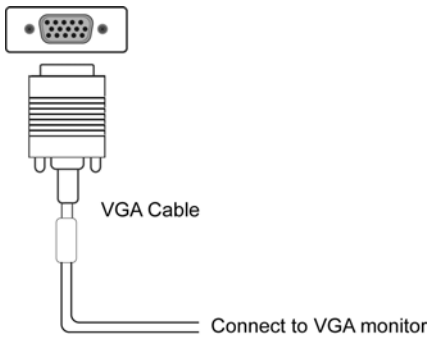
Upon the USB connection, your computer will automatically complete the remaining installation, including installing Windows® built-in drivers for the USB hub. A pop-up message will appear in the notification area indicating the installation status. Wait for the final message indicating the driver software installation is successful. Then the Client Dock is ready for use.

C. Connecting Devices to the Client Dock

Now the installation is complete. You can connect the peripherals/monitor to appropriate ports on the Client Dock as required. If required, you can connect and disconnect the peripherals/monitor any time without disconnecting the Client Dock from the USB port on your computer.

Connecting VGA Monitor

Use a VGA cable (not provided) to connect the VGA jack to a monitor equipped with VGA input jack.



Upon the connection it's normal that the screen flicks black a couple of times. Once the connection is done, an extended screen will appear on the add-on monitor. Sometimes it takes time for the add-on monitor to show the video. Please wait for while.

Configuring VGA Monitor

To set up the video component to use or restore extended mode, follow these steps:

1. Position the mouse anywhere on your computer desktop, right-click and select **Screen Resolution** on **Personalize** > **Display Settings**
2. In the **Display** drop-down menu, select the option with the string "**DisplayLink Graphics Adapter**".
3. Check the **Multiple Displays**> **Extend these displays** on **Extend the desktop onto this monitor** box
4. Drag the icons in the window at the top of the screen to match the physical arrangement of your primary monitor and add-on monitor.

   The add-on monitor connected to the docking station may be identified as either "2" or "3", depending on your computer, although there may not be a total of 3 screens connected.

   Position the mouse anywhere on your computer desktop, right-click and select **Screen Resolution** on **Personalize** > **Display Settings**
5. Click **OK** to close the settings screen.

Once the setting is done, to use your extended desktop, simply drag and drop your open windows® over to your second monitor. However, note that some applications may not support display on the extended desktop.

Connecting Keyboard & Mouse

Connect your Keyboard & Mouse to the PS/2 ports on the Client Dock.

Connecting Microphone and Speaker/Headphones

To connect your speaker/headphones, insert the plug to the green hole of the Client Dock. To connect a microphone, insert the plug to the pink hole of the Client Dock.

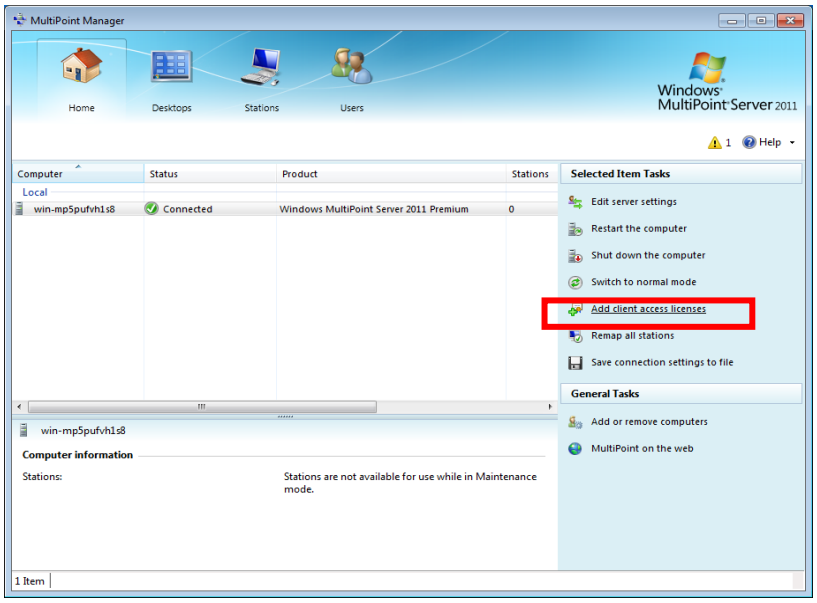
3. Using the Client Dock

Add Client Access License

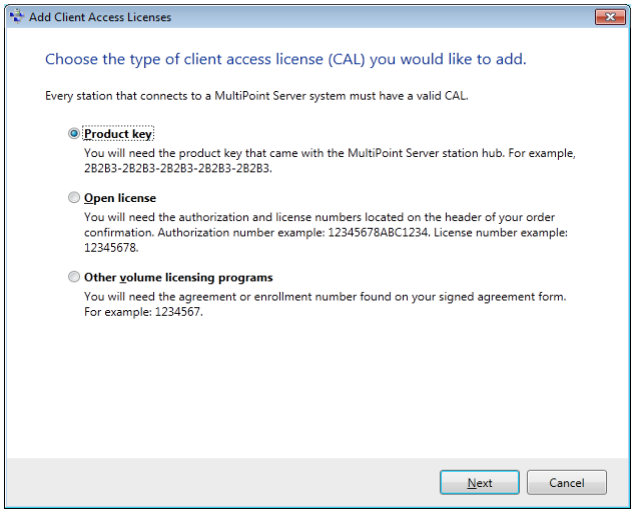
Every station that connects to a MultiPoint® Server system, including a MultiPoint® Server computer that is used as a station, must have a valid client access license (CAL).

To add client access licenses

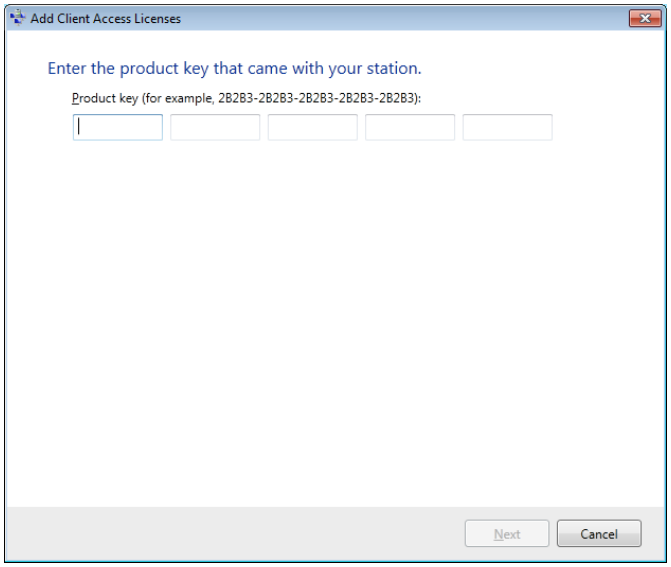
1. In MultiPoint® Manager, click the Home tab, Under Selected Item Tasks, click Add client access licenses. The Add Client Access Licenses wizard starts.



2. Select the type of CAL that you want to add, and then click Next.


Add Client Access Licenses
Choose the type of client access license (CAL) you would like to add.
Every station that connects to a MultiPoint Server system must have a valid CAL.
Product key
You will need the product key that came with the MultiPoint Server station hub. For example, 2B2B3-2B2B3-2B2B3-2B2B3-2B2B3.
Open license
You will need the authorization and license numbers located on the header of your order confirmation. Authorization number example: 12345678ABC1234. License number example: 12345678.
Other volume licensing programs
You will need the agreement or enrollment number found on your signed agreement form. For example: 1234567.
Next
Cancel

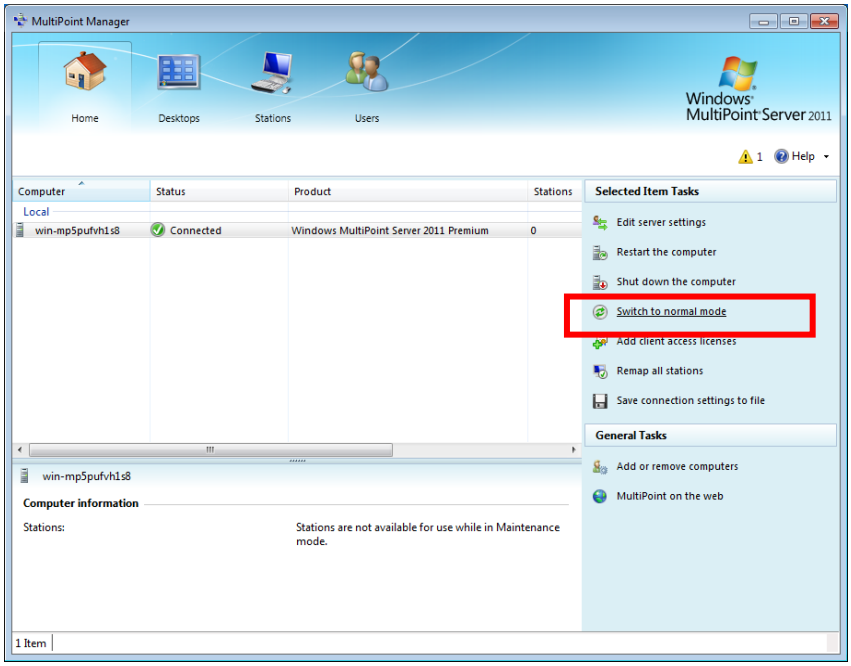
3. Type the required the number of CALS that you want to add, and then click Next.


Add Client Access Licenses
Enter the product key that came with your station.
Product key (for example, 2B2B3-2B2B3-2B2B3-2B2B3-2B2B3):
Next
Cancel

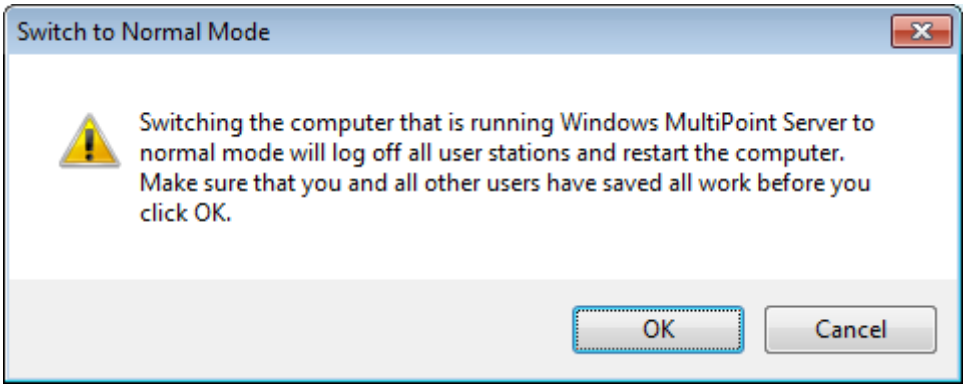
4. On the License added page, click Finish.

Switch to Normal Mode

1. In MultiPoint® Manager, click the Home tab, Under Selected Item Tasks, click **Switch to normal mode**.



2. Please wait while **for system to association with the client dock, and following message may pop up .**


Switch to Normal Mode
Switching the computer that is running Windows MultiPoint Server to normal mode will log off all user stations and restart the computer. Make sure that you and all other users have saved all work before you click OK.
OK
Cancel

3. After System restart, Please wait while for system to associate with the client dock the message may pop up , follow the instruction pop on the screen to create a Multipoint® Server Station .

Create a MultiPoint Server Station
Press 'B'
To set up a station, press the letter 'B' on the keyboard that you want to associate with this monitor.

4. When you see the log in screen pop up, type in your account information to start up the system.

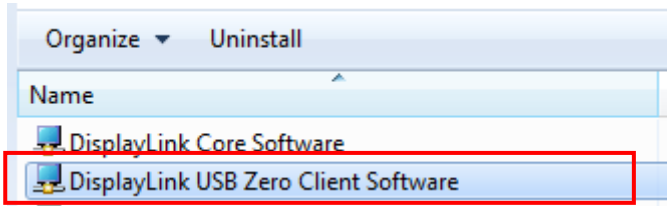
4. Uninstalling the Drivers

Uninstalling the Driver

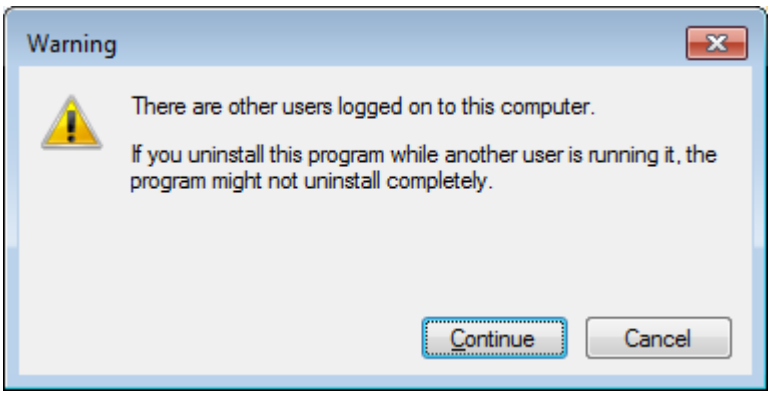
Please take these steps to uninstall Drive:

1. Open the **Control Panel** and double-click **Uninstall a Program**.

2. Select **DisplayLink Graphics**…and click Uninstall or Remote



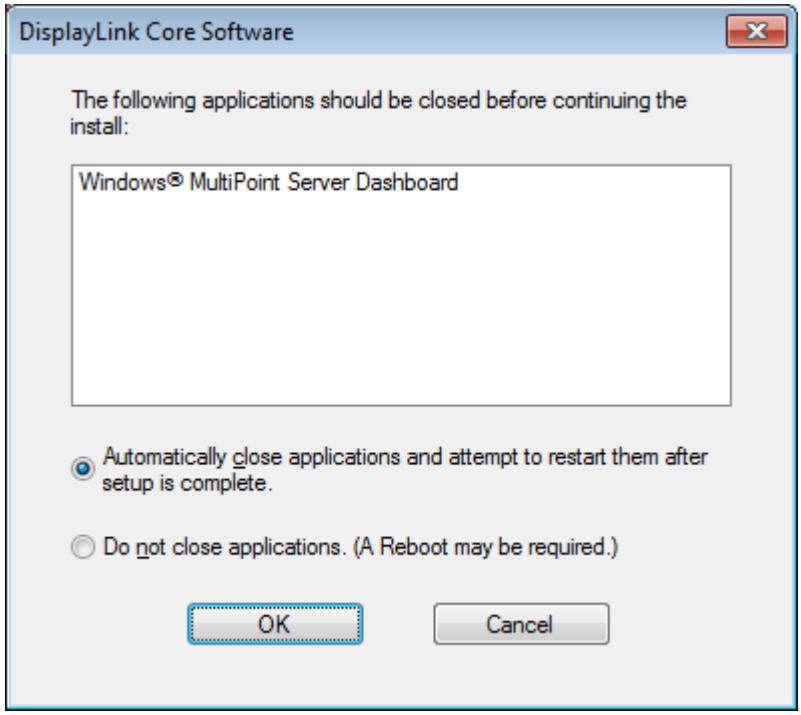
3. The Warning Message pop up, Click **Continue** to perform the removal.


Warning
There are other users logged on to this computer.
If you uninstall this program while another user is running it, the program might not uninstall completely.
Continue
Cancel

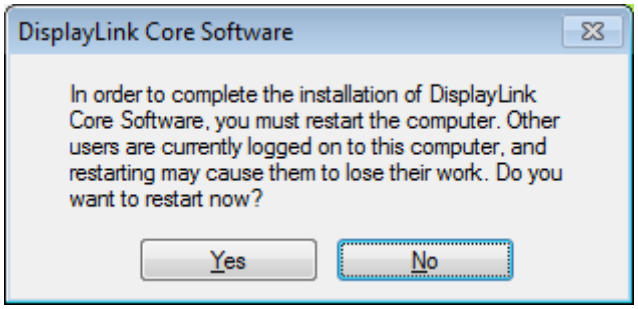
4. Click **Yes** to confirm the removal.

Programs and Features
Are you sure you want to uninstall DisplayLink USB Zero Client Software?
In the future, do not show me this dialog box
Yes
No

5. The following message may pop up, Selected "Automatically close application and attempt to restart them after setup is complete", then Click **Continue** to perform the removal.


DisplayLink Core Software
The following applications should be closed before continuing the install:
Windows® MultiPoint Server Dashboard
Automatically close applications and attempt to restart them after setup is complete.
Do not close applications. (A Reboot may be required.)
OK
Cancel

6. Click **Yes** to restart your computer. You can also disconnect the video connection now


DisplayLink Core Software
In order to complete the installation of DisplayLink Core Software, you must restart the computer. Other users are currently logged on to this computer, and restarting may cause them to lose their work. Do you want to restart now?
Yes
No

5. Specifications

General	
Host Interface	USB 2.0
Ports and Connectors	
Upstream	1 x Upstream USB 2.0 Port (Mini USB female Connector)
Downstream	2 x Downstream PS/2 Port
Video	1 x VGA Port (Female Connector)
Audio	1 x Audio in (3.5 mm stereo Jack Female) 1 x Audio out (3.5mm stereo Jack Female)
LED	
Power LED (Blue)	On: Power is supplied to the Client Dock. Off: No power is supplied to the Client Dock.
Physical Specifications	
Housing Material	Plastic(ABS+PC)
Dimensions	66.9mm(L) x 30mm(W) x 142.05mm(H)
Weight	Approximately 230g (including base)

* Specification is subject to change without further notice.

6. Regulatory Compliance

FCC Conditions

This equipment has been tested and found to comply with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference

(2) This device must accept any interference received. Including interference that may cause undesired operation.

CE

This equipment is in compliance with the requirements of the following regulations: EN 55 022: CLASS B

WEEE Information

For EU (European Union) member users:
According to the WEEE (Waste electrical and electronic equipment) Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.